

**Curriculum Vitae**  
**2019**  
**Marjorie L. Nicholas**

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**Education**

1974	State College Area High School State College, PA.	
1978 BA	Brown University Providence, R.I.	Linguistics
1985 MS	Sargent College, Boston University Boston, MA.	Communication Disorders
1998 PhD	Emerson College Boston, MA.	Communication Disorders

Dissertation title: "Category selection in patients with nonfluent aphasia: Implications for use of a picture-based alternative communication system."

**Professional Experience**

2018-present	Chair, Department of Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.
2018 (Sept.-Nov.)	Co-Interim Dean, School of Health and Rehabilitation Sciences, MGH Institute of Health Professions
2017 (Sept.-May, 2018)	Interim Chair, Department of Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.
2013-present	Professor, Department of Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.
2013-2017	Associate Director, PhD in Rehabilitation Sciences Program, MGH Institute of Health Professions, Boston, MA.
2008- 2017	Associate Chair, Department of Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.
2004- 2013	Associate Professor, Graduate Program in Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.
2001- 2004	Assistant Professor, Graduate Program in Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.

2000- 2015	Research Assistant Professor of Neurology, Boston University School of Medicine, Boston, MA.
2001, 1999, 1997	Instructor, Department of Communication Disorders, Northeastern University, Boston, MA.
1989 -2001	Speech-Language Pathologist, Boston VA Medical Center, Boston, MA.
1997-1999	Lecturer, Graduate Program in Communication Sciences and Disorders, MGH Institute of Health Professions, Boston, MA.
1992, 1998	Lecturer, School of Communication Sciences and Disorders, Emerson College, Boston, MA.
1993-1996	Supervisor / Research Associate, Language in the Aging Brain project, Boston VA Medical Center, Boston, MA.
1991-1993	Research Speech-Language Pathologist, Boston VA Medical Center, Boston, MA. Research associate, Aphasia Research Center, Boston University School of Medicine.
1986-1991	Research Speech-Language Pathologist, Boston VA Medical Center, Boston, MA. Research associate on VA grant investigating the assessment and treatment of severe aphasia.
1985-1986	Speech-Language Pathologist, Dr. J. Robert Shaughnessy Chronic Disease/ Rehabilitation Hospital, Salem, MA. (Clinical Fellowship in Speech –Language Pathology)
1984-1985	Research Assistant to Dr. Nicholas Bankson, Dept. of Communication Disorders, Boston University.
1980-1984	Research Assistant to Drs. Martin L. Albert and Loraine K. Obler, Dept. of Neurology and Aphasia Research Center, Boston VA Medical Center, Boston, MA. Conducted research investigating language in normal aging and dementia
1980-1982	Research Assistant to Dr. Joan C. Borod, Dept. of Psychology and Aphasia Research Center, VA Medical Center, Boston, MA. Participated in research investigating emotional expression in brain-damaged adults.

### **Licensure and Certification**

Certificate of Clinical Competence in Speech-Language Pathology, American Speech Language Hearing Association (awarded 1986).

Massachusetts State License, Speech-Language Pathology (awarded 1986)

Arizona State License, Speech-Language Pathology (2012)

North Carolina State License, Speech-Language Pathology (2012)

### **Professional Memberships**

Updated 8/20/2019

Academy of Aphasia (since 2007)  
 Academy of Neurologic Communication Disorders and Sciences (ANCDS) (since 2003)  
 American Speech Language Hearing Association (ASHA) (since 1986)  
 Aphasia Access (2015-16; 2019)  
 Massachusetts Speech-Language Hearing Association (2018)

### **Honors and Awards**

United States Public Health Service (USPHS) and the Interprofessional Education Collaborative (IPEC):  
 2018 Excellence in Interprofessional Education Collaboration- Honorable Mention in Public Health  
 Infrastructure awarded to *S-IHP's CAP: Spaulding –IHP's Intensive Comprehensive Aphasia Program*.

ASHA Fellow (November 2017)

Sabbatical (July 2011- December 2011)

Faculty Award for Excellence, MGH Institute of Health Professions, Dept. of Communication Sciences  
 and Disorders (2003 and 2010).

Nancy T. Watts Award for Excellence in Teaching, MGH Institute of Health Professions (2005).

Graduation with Distinction (MS), Sargent College of Allied Health, Communication Disorders, Boston  
 University (1985).

### **Research Grants Awarded**

R21 DC05371-03	Nicholas, M. (Principal Investigator)	9/1/01 – 8/31/04
NIH/NIDCD		
C-Speak Aphasia Alternative Communication Treatment		
Funded amount: \$409,000 (3-years)		

Institute Research Fellowship	Nicholas, M. (Co-Investigator)	
MGH Institute of Health Professions	Zipse, L. (Co-investigator)	7/1/06 – 6/30/07
A MEG Investigation of Lexical Access in Aphasia		
Funded Amount: \$10,000 (1 year)		

### **Courses Taught at MGH IHP**

#### **Master's Program in CSD**

Aphasia (Required course; 1997-2019)  
 Neurodegenerative Disorders Affecting Language and Cognition (Elective course: 2006-2017)  
 Introduction to Communication Disorders (Pre-requisite course coordinator) (2010-2012)  
 Research Design in CSD (Required course, co-taught, 2009)  
 Special Topics: Historical Perspectives on Communication Disorders: Autism, Aphasia, and  
 Dyslexia (Elective course, co-taught, 2006)  
 External Practicum Seminar (Required course, co-taught, 2007-2009)

#### **PhD in Rehabilitation Sciences Program**

Introduction to Concepts in Research in Rehabilitation Science (Required course, coordinator,  
 (2013-2016)  
 PhD Teaching Practicum (Required course, coordinator, 2016-2017)

### **Student Mentoring**

**Primary Advisor for Master's Thesis students at MGH IHP (14)**

Kristin Kinczel, 2003	Amy Maguire, 2012
Aviva Moss, 2006	Lindsay Jennelle, 2012
Lauren Berenson, 2007	Eman Khan, 2013
Abel Lei, 2007	Kimberly Camacho, 2013
Alina Carter, 2009	Zachary Smith, 2015
Elizabeth Vaughan, 2009	Anna Wilner, 2018
Carla Tierney, 2010	Neha Sharma, 2019

**Committee Member for Master's Thesis students at MGH IHP (11)**

Alyssa Berkowitz, 2014	Sarah Curtis, 2017
Michelle Chang, 2014	Jessica Kenworthy, 2018
Jane Lapham, 2014	Brendan Czupryna, 2018
Man-yin Leung, 2015	Amanda Sitren, 2018
Natsumi Asanuma, 2015	Maria Galassi, 2019
Ayelet Kershenbaum, 2016	

**Committee Member for Doctoral Students (3)**

Claire Cordella, PhD, 2018. Harvard/MIT Speech and Hearing Bioscience and Technology Program  
 Gus Halwani, PhD, 2012. Harvard/MIT Speech and Hearing Bioscience and Technology Program  
 Laurn Zipse, PhD, 2008. Harvard/MIT Division of Health Sciences and Technology

**Clinical Fellowship Supervisor (2)**

Jeannene Ward-Lonergan, 1990, current Chair of the CSD Dept., at U. of the Pacific  
 Laurn Zipse, PhD, 2008, current MGH IHP faculty member

**Service Activities: MGH Institute and SHRS Committees****Current service:**

Member, Core Competencies Development Work Group  
 Member, InterProfessional Clinical Center (IPC) Curriculum Task Force  
 Member, SHRS Academic Leadership group  
 Co-leader, Standard Four (the Academic Programs), NECHE Reaccreditation work group  
 Member, Executive Committee, PHD in Rehabilitation Sciences program

**Past service:**

Chair, Search Committee for PT Department Faculty Chair  
 Member, Grant writing team for HRSA grant: "Scholarships For Disadvantaged Students: Support for Students in Communication Sciences and Disorders"  
 Chair, Program Review Committee  
 Chair, NEASC Reaccreditation Standard Four (The Academic Programs) Writing Committee  
 Chair, Faculty Research Committee  
 Chair, Institute Research Review Committee  
 Member, Rank and Promotions Committee  
 Member, Interdisciplinary Seminars Committee  
 Member, Schwartz Center Educational Rounds Planning Committee  
 Member, Watts Award Review Committee  
 Member, Sabbatical Review Committee  
 Member, Academic and Student Affairs Committee (ASAC)  
 Member, Research and Scholarship Committee  
 Member, Sabbatical Review Committee  
 Member, Faculty Governance Committee  
 Member, SHRS InterProfessional Grand Rounds Planning Group

## **Service Activities: Department of Communication Sciences and Disorders Committees**

### **Current Service:**

Chair, Admissions Committee  
Chair, Curriculum Revision Task Force

### **Past Service:**

Chair, Strategic Plan Development Committee  
Chair, Admissions Committee  
Chair, New Faculty Search Committee

## **Service Activities: The Profession**

### **Journal Reviewer and Grant Reviewer Assignments**

*Cortex* (2018)  
*External Reviewer for PhD Dissertation, University of Queensland* (2017)  
*Topics in Stroke Rehabilitation* (2013, 2014, 2105, 2017)  
*Disability and Rehabilitation* (2016)  
*Archives of Physical Medicine and Rehabilitation* (2016)  
*New England Journal of Medicine* (2016)  
*Aphasiology* (2015, 2016, 2019)  
*Journal of Speech, Language and Hearing Research (JSLHR)* (2010, 2014, 2015)  
*Journal of Rehabilitation Research and Development* (2008, 2015)  
*American Journal of Speech-Language Pathology* (2013)  
*International Journal of Speech-Language Pathology* (2013, 2019)  
*Journal of Communication Disorders* (2012)  
*Chief Scientist Office, Scottish Government* (2012) (grant, external reviewer)  
*International Journal of Language and Communication Disorders* (2010)  
*NIH NIDCD Loan Repayment Program* (2008)  
*Neuropsychological Rehabilitation* (2007)

### **ASHA Convention Submitted Proposals Reviewer**

Language Disorders in Adults Committee (2019, Orlando)  
Language Disorders in Adults Committee (2018, Boston)  
Language Disorders in Adults Committee (2017, Los Angeles)  
Language Disorders in Adults Committee (2015, Denver)

### **Additional Professional Service**

Member, Aphasia Access ([www.aphasiaaccess.org](http://www.aphasiaaccess.org)) e-learning course development committee (2019)

### **Published Articles: Peer-Reviewed**

1. Nicholas, M., Jennelle, L., Connor, L.T., Haynes, C. & Zipse, L. (2019, in preparation). Activity participation goals and quality of life in community-dwelling people with chronic aphasia.
2. Crowley, M., Fox, A.B., Nicholas, M.L. & Connor, L.T. (2019, in preparation for submission to *AJOT*). Participation assessment post-stroke: Do measures represent the same underlying construct?
3. Nicholas, M.L., Burch, K., Mitchell, J., Fox-Galalis, A., Baum, C.M. & Connor, L.T. (Submitted, June 2019). Self perception of physical function predicts participation in cognitively-

and physically-demanding activities after stroke. *Frontiers in Neurology- Neurorehabilitation section*.

4. Curtis, S., Nicholas, M., Pittmann, R. & Zipse, L. (2019). Tap your hand if you feel the beat: differential effects of tapping in melodic intonation therapy. *Aphasiology*.  
<https://doi.org/10.1080/02687038.2019.1621983>
5. Foley, E., Nicholas, M.L., Baum, C., & Connor, L.T. (2019). Influence of Environmental Factors on Social Participation Post-Stroke. *Behavioural Neurology*. Volume 2019, Article ID 2606039  
<https://doi.org/10.1155/2019/2606039>
6. Wallace, S., Worrall, L., Rose, T., Le Dorze, G.; Breitenstein, C., Enderby, P., Bose, A., Brady, M., Cruice, M., Copland, D., Hersh, D., Cherney, L., Babbitt, E., Rochon, E., Pearl, G., Hilari, K., Marshall, J., Webster, J., Kelly, H., Howe, T., Kiran, S., Nicholas, M., Rose, M., Sage, K., Laska, A.C., Patterson, J., Small, S. (2018). A core outcome set for aphasia treatment research: Consensus statement. *International Journal of Stroke*.  
<http://journals.sagepub.com/doi/10.1177/1747493018806200>
7. Kershenbaum, A., Nicholas, M., Hunsaker, E., & Zipse, L., (2017). Speak along without the song: What promotes fluency in people with aphasia? *Aphasiology*. DOI: 10.1080/02687038.2017.1413487 <http://dx.doi.org/10.1080/02687038.2017.1413487>
8. Nicholas, M. & Connor, L.T. (2017). People with aphasia using AAC: Are executive functions important? *Aphasiology*, 31:7, 819-836, DOI:10.1080/02687038.2016.1258539  
<http://dx.doi.org/10.1080/02687038.2016.1258539>
9. Nicholas, M., Hunsaker, E. & Guarino, A.J. (2017). The relation between language, non-verbal cognition and quality of life in people with aphasia, *Aphasiology*, 31:6, 688-702, DOI: 10.1080/02687038.2015.1076927 <http://dx.doi.org/10.1080/02687038.2015.1076927>
10. Carter, A., Nicholas, M., Hunsaker, E., McCarthy-Jacobson, A. (2015). Modified Berg Balance Scale: Making assessment appropriate for people with aphasia. *Topics in Stroke Rehabilitation*, Vol. 22(2),83-93 . DOI 10.1179/1074935714Z.0000000034.  
<http://dx.doi.org/10.1179/1074935714Z.0000000034>
11. Robins, N., Tierney Hendricks, C., Nicholas, M., Brady Wagner, L. & Sugiyama, E. (2015). Characterizing the outcomes for patients with brain injury in acute care rehabilitation. *The American Journal of Occupational Therapy: Official publication of the AOTA*, 69 (Suppl. 1): 6911505027p1
12. Berkowitz, A., Nicholas, M., Pennington, S., Haynes, C. & Zipse, L. (2015). Cueing spoken naming using self-generated written cues: an articulatory approach. *eHearsay*, Vol. 1 (5), Spring 2015, 144-153.
13. Nicholas, M. & Vaughan, E. (2013). Understanding of observed video action events by people with aphasia. *Aphasiology*, 27 (5), 532- 545.
14. Tierney-Hendricks, C., Nicholas, M. & Zipse, L. (2013). Effects of phonological neighborhood on the treatment of naming in aphasia. *Aphasiology*.  
<http://dx.doi.org/10.1080/02687038.2013.866209>

15. Nicholas, M. (2012). The importance of aphasia community programs in supporting self-determination in people with aphasia (PWA). *Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders*, 22(1), 36-43.
16. Naeser, M.A., Martin, P.I., Theoret, H., Kobayashi, M., Fregni, F., Nicholas, M., Tormos, J.M., Steven, M.S., Baker, E.H., Pascual-Leone, A. (2011). TMS suppression of right pars triangularis, but not pars opercularis, improves naming in aphasia. *Brain & Language*, 119, 206–213.
17. Zipse, L., Kearns, K., Nicholas, M., & Marantz, A. (2011). A MEG investigation of single-word auditory comprehension in aphasia. *JSLHR*, Aug. 25 epub.
18. Nicholas, M., Sinotte, M.P., & Helm-Estabrooks, N. (2011). *C-Speak Aphasia* alternative communication program for people with severe aphasia: Importance of executive functioning and semantic knowledge. *Neuropsychological Rehabilitation*, 21(3), 322-366.
19. Naeser, M.A., Martin, P., Lundgren, K., Kaplan, J., Treglia, E., Ho, M., Nicholas, M., Alonso, M., Pascual-Leone, A., Ford, S., Thivierge, M. (2010). Improved language in a chronic nonfluent patient following treatment with CPAP and TMS. *Cognitive and Behavioral Neurology*, 23(1), 29-38.
20. Corless, I.B., Michel, T.H., Nicholas, M., Jameson, D., Purtilo, R., & Dirkes, A.M.A. (2009). Educating health professions students about the issues involved in communicating effectively: A novel approach. *Journal of Nursing Education*, 48(7), 367-373.
21. Moss, A. & Nicholas, M. (2006). Language rehabilitation in chronic aphasia and time post onset: A Review of single-subject data. *Stroke*, 37, 3043-3051.
22. Nicholas, M., Sinotte, M.P., & Helm-Estabrooks, N. (2005). Using a computer to communicate: Effect of executive function impairments in people with severe aphasia. *Aphasiology*, 19, (10/11), 1052-1065.
23. Naeser, M.A., Martin, P.I., Nicholas, M., Baker, E.H., Seekins, H.; Kobayashi, M., Theoret, H., Fregni, F.; Maria-Tormos, J., Kurland, J., Doron, K.W. & Pascual-Leone, A. (2005). Improved Picture Naming in Chronic Aphasia after TMS to Part of Right Broca's Area, an Open-Protocol Study. *Brain and Language*, 93, 95-105.
24. Naeser, M.A., Martin, P.I., Nicholas, M., Baker, E.H., Seekins, H., Helm-Estabrooks, N., Cayer-Meade, C., Kobayashi, M., Theoret, H., Fregni, F., Tormos, J.M., Kurland, J., Doron, K.W., & Pascual-Leone, A. (2005). Improved naming after TMS treatments in a chronic, global aphasia patient - case report. *Neurocase*, 11, 182-193.
25. Naeser, M., Martin, P., Baker, E.H., Hodge, S.M., Sczerzenie, S.E., Nicholas, M., Palumbo, C.L., Goodglass, H., Wingfield, A., Samaraweera, R., Harris, G., Baird, A., Renshaw P., & Yurgelun-Todd, D. (2004). Overt propositional speech in chronic nonfluent aphasia studied with the dynamic susceptibility contrast fMRI method. *NeuroImage*, 22, 29-41.
26. Nicholas, M. & Sinotte, M.P. (2003). Semantic processing in non-fluent aphasia: Effect of stimulus input modality. *Journal of the International Neuropsychological Society*, 9 (2), 194.
27. Nicholas, M. & Sinotte, M.P. (2003). Category-specific effects interact with stimulus variables in non-fluent aphasia. *Journal of the International Neuropsychological Society*, 9 (2), 307

28. Sinotte, M. P., Nicholas, M. & Helm-Estabrooks, N. (2003). Cognitive skills predict response to alternative communication aphasia treatment. *Journal of the International Neuropsychological Society*, 9 (2), 307
29. Barresi, B., Nicholas, M., Connor, L.T., Obler, L.K., and Albert, M.L. (2000). Semantic degradation and lexical access in age-related naming failures. *Aging, Neuropsychology, and Cognition*, 7(3), 169-178.
30. Barth Ramsay, C., Nicholas, M., Au, R., Obler, L.K. and Albert, M.L. (1999). Verb naming in normal aging. *Applied Neuropsychology* , 6(2), 57-67.
31. Naeser M.A., Baker, E.H., Palumbo, C.L., Nicholas, M., Alexander, M.P., Samaraweera, R., Prete, M.N., Hodge, S., & Weissman, T. (1998). Lesion site patterns in severe aphasia to predict outcome following treatment with a nonverbal, computer-assisted program. *Archives Neurology*, 55, 1438-1448.
32. Nicholas, M., Obler, L.K., Au, R., and Albert, M.L. (1996). On the nature of naming errors in aging and dementia: A study of semantic relatedness. *Brain and Language*, 54, 184-195.
33. Au, R., Joung, P., Nicholas, M., Obler, L.K., Kass, R., and Albert, M.L. (1995). Naming ability across the adult lifespan. *Aging and Cognition* , 2(4), 300-311.
34. Ward-Lonergan, J. and Nicholas, M. (1995). Drawing to communicate: A case report of an adult with global aphasia. *European. J. of Disorders of Communication* , 30, 475-491.
35. Nicholas, M., Helm-Estabrooks, N., Ward-Lonergan, J., Morgan, A.R. (1993). Evolution of severe aphasia in the first two years post onset. *Archives of Physical Medicine and Rehabilitation* 74, 830-836.
36. Obler, L.K., Fein, D., Nicholas, M., Albert, M.L. (1991). Auditory comprehension and aging: decline in syntactic processing. *J. of Applied Psycholinguistics* 12, 433-452.
37. Borod, J.C., Koff, E., Lorch, M.P., Nicholas, M., Welkowitz, J. (1988). Emotional and non-emotional facial behaviours in patients with unilateral brain damage. *J. of Neurol., Neurosurg., and Psychiat.*, 51, 826-8-32.
38. Borod, J.C., Lorch , M.P., Koff E., Nicholas, M.(1987.) The effect of emotional context on bucco-facial apraxia. *J. of Clin. and Exper. Neuropsych.*, 9, 155-161.
39. Borod, J.C., Koff, E., Lorch, M.P., Nicholas, M. (1986). The expression and perception of facial emotion in patients with focal brain damage. *Neuropsychologia*, 24, 169-180.
40. Borod, J.C., Koff, E., Lorch, M.P., Nicholas, M. (1986). Deficits in facial expression and movement as a function of brain damage. In J.L. Nespoulous, P. Perron, and A.R. Lecours (eds.), *The Biological Foundations of Gesture: Motor and Semiotic Aspects*. Hillsdale, N.J.: Lawrence Erlbaum Assoc., Inc.
41. Nicholas, M., Obler, L.K., Albert, M.L., Goodglass, H. (1985). Lexical retrieval in healthy aging. *Cortex*, 21, 595-606.
42. Nicholas, M., Obler, L.K., Albert, M.L., Helm-Estabrooks, N. (1985). Empty speech in Alzheimer's dementia and fluent aphasia. *J. of Speech and Hearing Research*, 28, 404-410.

43. Obler, L.K., Nicholas, M., Albert, M.L., Woodward, S. (1985). On comprehension across the adult life span. *Cortex*, 21, 273-280.
44. Borod, J.C., Koff, E., Perlman, M., Nicholas, M. (1985). Channels of emotional communication in patients with unilateral brain damage. *Archives of Neurology*, 42, 345-348.
45. Koff, E., Borod, J.C., Nicholas, M., White, E. (1983). Is there a bias in size measurements taken from mirror-reversed photographs of body parts? *Perceptual and Motor Skills*.
46. Koff, E., Borod, J.C., White, E., Nicholas, M. (1983). Asymmetries in body-part size, mobility, and usage: the relationship between structure and function. *Acta Anatomica*, 117, 382-398.

### **Published Articles: Invited**

1. Nicholas, M. (June 2019). Why nonverbal cognition matters in aphasia treatment. In *On the Pulse* column, *ASHA Leader*.
2. Nicholas, M. (2011). Accommodating the communication disability associated with aphasia in the courtroom. Aphasia Corner Blog, Experts Talk invited posting. Mar. 16, 2011. <http://aphasiacorner.com/blog/category/experts-talk>
3. Nicholas, M. (2006). Promoting aphasia advocacy in the community. In the National Aphasia Association (NAA) enews bulletin. April 4, 2006. Available on [www.aphasia.org](http://www.aphasia.org).
4. Martin, P.I., Naeser, M.A., Theoret, H., Tormos, J.M., Nicholas, M., Kurland, J., Fregni, F., Seekins, H., Doron, K., Pascual-Leone, A. (2004). Transcranial magnetic stimulation as a complementary treatment for aphasia. *Seminars in Speech and Language*, 25 (2), 181-191.
5. Nicholas, M. (1994). CT scan studies of localization and recovery of function in aphasia. *Critical Reviews in Physical and Rehabilitation Medicine*, 6(4), 391-408.
6. Nicholas, M. and Helm-Estabrooks, N. (1994). Patterns of language preservation and loss in global aphasia. In N. Helm-Estabrooks (ed.), *Seminars in Speech and Language*, 15(1), 37-52.
7. Naeser, M.A., Palumbo, C.L., Baker, E.H., and Nicholas, M. (1994). CT scan lesion site analysis in severe aphasia- relationship to no recovery of speech and treatment with the nonverbal computer-assisted visual communication program (C-ViC). In N. Helm-Estabrooks (ed.), *Seminars in Speech and Language*, 15(1), 53-70.
8. Nicholas, M., Helm-Estabrooks, N. (1990). The efficacy of speech-language pathology intervention: aphasia. In J. Atwood (ed.), *Seminars in Speech and Language*, 11, 135-144.

### **Books and Book Chapters**

1. Nicholas, M. & Helm-Estabrooks, N. (under contract 2019-20). Drawing and Communication. Chapter in A. Ardila (Ed.) Book on aphasia to be published in Spanish.
2. Helm-Estabrook, N. & Nicholas, M. (under contract 2019-20). Melodic Intonation Therapy. Chapter in A. Ardila (Ed.) Book on aphasia to be published in Spanish.

3. Mackey, J., Nicholas, M., & Maxwell, L., (2019, submitted). Learning in a faculty-mentored student practice center. In M.J. Bradshaw & A.J. Lowenstein, (Eds.), *Innovative Teaching Strategies in Nursing and Related Health Professions*, 8<sup>th</sup> Edition. Boston: Jones & Bartlett.
4. Nicholas, M. & Helm-Estabrooks, N. (2017). Differential Diagnosis of Language Disorders in Adults. In A.F. Johnson and B.H. Jacobson (Eds.) *Medical Speech-Language Pathology: A Practitioner's Guide*. New York: Thieme.
5. Mackey, J., Nicholas, M., & Maxwell, L., (2016). The Pursuit of clinical excellence: Learning in a faculty-mentored student practice center. In M.J. Bradshaw & A.J. Lowenstein, (Eds.), *Innovative Teaching Strategies in Nursing and Related Health Professions*, 7<sup>th</sup> Edition. Boston: Jones & Bartlett.
6. Nicholas, M. (2015). Acquired Language Disorders: Aphasia, Right-Hemisphere Disorders and Dementia. Chapter in G. Lof & A. Johnson (Eds.), *National Speech-Language Pathology Praxis Exam Review & Study Guide*. Evanston, IL: TherapyEd.
7. (BOOK) Helm-Estabrooks, N., Albert, M.L. and Nicholas, M. (2014). *Manual of Aphasia and Aphasia Therapy*, 3<sup>rd</sup> Ed. Austin, TX: Pro-ed.
8. Mackey, J., Nicholas, M., & Maxwell, L. (2013). Student learning in a faculty-student practice clinic. In M.J. Bradshaw & A.J. Lowenstein, (Eds.), *Innovative Teaching Strategies in Nursing and Related Health Professions*, 6<sup>th</sup> Edition. Boston: Jones & Bartlett.
9. Helm-Estabrooks, N. & Nicholas, M., (2013). The process approach to assessment and treatment of aphasia. In L. Ashendorf, D. Libon & R. Swenson (Eds.), *The Boston Process Approach to Neuropsychological Assessment: A Practitioner's Guide*. New York: Oxford U. Press.
10. Mackey, J., Nicholas, M., & Maxwell, L. (2010). Student learning in a faculty-student practice clinic. In M.J. Bradshaw & A.J. Lowenstein, (Eds.), *Innovative Teaching Strategies in Nursing and Related Health Professions*, 5<sup>th</sup> Edition. Boston: Jones & Bartlett.
11. Mackey, J. & Nicholas, M. (2007). Student learning in a faculty-student practice clinic. In M.J. Bradshaw & A.J. Lowenstein, (Eds.), *Innovative Teaching Strategies in Nursing and Related Health Professions*, 4<sup>th</sup> Edition. Boston: Jones & Bartlett.
12. Nicholas, M. (2005). Aphasia and dysarthria after stroke. In J. Bogousslavsky, M.P. Barnes, and B. Dobkin (Eds.), *Recovery After Stroke*. Cambridge, UK: Cambridge University Press.
13. Nicholas, M. (2004). Computer alternative and augmentative communication approaches for non-fluent aphasia. In Helm-Estabrooks, N. and Albert, M.L., *Manual of Aphasia and Aphasia Therapy*. 2<sup>nd</sup> edition. Austin, TX: Pro-ed.
14. Naeser, M.A., Baker, E.H., Palumbo, C.L., Nicholas, M., Alexander, M.P., Samaraweera, R., Prete, M.N., Hodge, S., & Weissman, T. (2000). Neuroimaging in severe aphasia and outcome following treatment with the nonverbal, computer-assisted visual communication program, C-ViC. In L.T. Connor and L.K. Obler (Eds.) *Neurobehavior of Language and Cognition: Studies of Normal Aging and Brain Damage Honoring Martin L. Albert*. Boston: Kluwer.
15. Nicholas, M., Connor, L.T., Obler, L.K., and Albert, M.L. (1998). Aging, Language, and Language Disorders. Chapter in M.T. Sarno, (Ed.) *Acquired Aphasia*, 3<sup>rd</sup> edition. San Diego, Academic Press.

16. Nicholas, M., Barth, C., Obler, L.K., Au, R., and Albert, M.L. (1997). Naming in normal aging and dementia of the Alzheimer type. In H. Goodglass and A. Wingfield (Eds.), *Anomia. Neuroanatomical and Cognitive Correlates*. New York: Academic Press.
17. Helm-Estabrooks, N., Nicholas, M., Morgan, A. (1989). "Fifty-two year old male with stammering speech. ? CVA" In N. Helm-Estabrooks and J. Aten (eds.), *Difficult Diagnoses in Neurogenic Communication Disorders*. Boston: College-Hill.

### **Tests and Treatment Materials**

1. Nicholas, M. & Elliott, S. (unpublished). *Pocket C-Speak Aphasia*. RJCooper.com for ptp-mobile software platform.
2. Helm-Estabrooks, N. & Nicholas, M. (2003). *Narrative Story Cards*. (Sequential story cards and manual.) Austin, TX: Pro-Ed.
3. Helm-Estabrooks, N. & Nicholas, M. (2000). *Sentence Production Program for Aphasia (SPPA)*. Austin, TX: Pro- Ed.
4. Nicholas, M. & Elliott, S. (1998). *C-Speak Aphasia: A Communication System for Adults with Aphasia* (Software, Screening Test, and Training Manual). Solana Beach, CA.: Mayer-Johnson Co.
5. Helm-Estabrooks, N., Nicholas, M., Morgan, A. (1989). *Melodic Intonation Therapy* (Manual and Instructional Videotape). Chicago: Riverside Pub. Co.
6. Helm-Estabrooks, N., Ramsberger, G., Morgan, A., & Nicholas, M. (1989). *Boston Assessment of Severe Aphasia (BASA)*. Chicago: Riverside Pub. Co.

### **Presentations: Peer-Reviewed**

1. Hildebrand, M., Zeman, E., Nicholas, M., Pittmann, R., Pennington, S., Savastano, M., Brady Wager, L., Ambrosi, D. (submitted). Interprofessional collaboration in an intensive comprehensive aphasia program: Lessons learned across three years. Workshop submitted to the AOTA conference, Boston, MA. March, 2020.
2. Crowley, M., Fox, A.B., Nicholas, M., & Connor, L.T. (submitted). Participation assessment post-stroke: Do measures represent the same underlying construct? Poster submitted to the AOTA conference, Boston, MA. March, 2020.
3. Fritz, K., Nicholas, M., Connor, L.T. (submitted). Social support mediates the relationship between communication abilities and social participation post-stroke only for people with aphasia. Poster submitted to the AOTA conference, Boston, MA. March, 2020.
4. Girardi, M., Nicholas, M., & Connor, L.T. (submitted). The impact of cognition and communication on participation for individuals with aphasia post-stroke. Poster submitted to the AOTA conference, Boston, MA. March, 2020.
5. Nicholas, M., Pittmann, R., Pennington, S., Savastano, M., Senecal, E., Hildebrand, M., Ambrosi, D. & Brady Wager, L. (2018). S-IHP's CAP: Interprofessional intensive comprehensive aphasia

- program for life participation: lessons learned across three years. Seminar at the American Speech-Language Hearing Association (ASHA) annual convention, Boston, MA.
6. Lovette, B. Nicholas, M., Helm-Estabrooks, N., Eichstadt, T. (2018). Why we must assess nonlinguistic cognition in people with aphasia and how to do it. Seminar at the American Speech-Language Hearing Association (ASHA) annual convention, Boston, MA.
  7. Wilner, A., Nicholas, M., Zipse, L., Vallila-Rohter, S. (2018). Processing of observed action events in people with aphasia (PWA). Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Boston, MA.
  8. Connor, L.T., Burch, K., Mitchell, J., Nicholas, M., Fox, A. (2018). Participation in persons with/without aphasia compared to self perception of cognition, communication, physical function. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Boston, MA.
  9. Czupryna, B., Zipse, L., Nicholas, M., Vallila-Rohter, S. (2018). Investigating attentional allocation with eye tracking during category learning in people with aphasia. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Boston, MA.
  10. Mackey, J., Nicholas, M. & Maxwell, L. (2017). Do we (CSD Programs) truly value diversity in our students? An open discussion. Presentation at the CAPCSD annual meeting. New Orleans, LA, April 2017.
  11. Nicholas, M., Brady-Wagner, L., Ambrosi, D., Hunsaker, E., Pennington, S., Tierney Hendricks, C., Savastano, M., Hildebrand, M., & Felker, E. (2016). S-IHP's CAP: an Interprofessional intensive comprehensive aphasia program (ICAP) based on life participation and the ICF. Presentation at the American Speech-Language Hearing Association (ASHA) annual convention, Philadelphia, PA.
  12. Vallila-Rohter, S., Zipse, L., & Nicholas, M. (2016). Nonverbal cognition and aphasia: Why SLPs need to pay attention. Presentation at the American Speech-Language Hearing Association (ASHA) annual convention, Philadelphia, PA.
  13. Asanuma, N., Zipse, L., Pennington, S., & Nicholas, M. (2016). Auditory Selective Attention Deficits In Mild-Moderate Aphasia: Relation To Formally-Tested And Self-Reported Auditory Comprehension Impairments. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Philadelphia, PA.
  14. Smith, Z., Nicholas, M., Hunsaker, E., & Zipse, L. (2015). Auditory Skills in Aphasia: Does treating auditory attention improve comprehension? Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Denver, CO.
  15. Leung, M.Y., Ball, L., Nicholas, M. & Ambrosi, D. (2015). A Novel approach to swallowing assessment: Acoustic capture & analysis. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Denver, CO.
  16. Nicholas, M. & Connor, L. (2015). Assessing life participation goals for people with aphasia (PWA). Poster presented at the AphasiaAccess Conference, March 2015, Boston, MA.
  17. Belville, A., Doherty, R., Guarino, A., Jodoin, A., Nicholas, M., Rocco, C. (2015). The effect of neurostimulants on functional recovery of individuals with traumatic and non-traumatic brain injuries." APTA Combined Sections Meeting Indianapolis, IN.

18. Chang, M., Ball, L., Nicholas, M. (2014). Evaluating Swallowing Characteristics in Patients with Amyotrophic Lateral Sclerosis (ALS). Poster (accepted but not presented) at the American Speech-Language Hearing Association (ASHA) annual convention, Orlando, FL.
19. Lapham, J., Ball, L., Nicholas, M., Hunsaker, E. (2014). Motor-Learning Guided Therapy for Acquired Apraxia of Speech: Targeting The Syllable. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Orlando, FL.
20. Nicholas, M., Connor, L., & Jennelle, L. (2013). Assessing life participation goals for people with aphasia from an inter-disciplinary perspective (SLP and OT). Presented at the American Speech-Language Hearing Association (ASHA) annual convention, Chicago, IL.
21. Brady-Wagner, L. & Nicholas M. (2013). The Clinical Scholars Program - An innovative academic partnership to promote clinical research. Presented at the American Speech-Language Hearing Association (ASHA) annual convention, Chicago, IL.
22. Hendricks, C., Sugiyama, E., Robins, N., Wagner, L. & Nicholas, M. (2013). Characterizing the outcomes for patients with brain injury in acute care rehabilitation. Presented at the American Speech-Language Hearing Association (ASHA) annual convention, Chicago, IL.
23. Khan, E., Nicholas, M. (2013). Cognitive approach to treating auditory comprehension: Attention training in individuals with aphasia. Presented at the American Speech-Language Hearing Association (ASHA) annual convention, Chicago, IL.
24. Hunsaker, E. & Nicholas, M. (2013). The relation between language, nonverbal cognition, and quality of life in people with aphasia. Presented at the American Speech-Language Hearing Association (ASHA) annual convention, Chicago, IL.
25. Maguire, A., Nicholas, M. & Zipse, L. (2012). Can Cognitive Flexibility Be Trained in People with Aphasia? Poster at American Speech-Language Hearing Association (ASHA) annual convention, Atlanta, GA.
26. Maguire, A. Nicholas, M. & Zipse, L. (2012). Cognitive Flexibility: A New Assessment. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Atlanta, GA.
27. Jennelle, L., Nicholas, M., Zipse, L., & Haynes, C. (2012). Living with Aphasia: Activities, Caregivers and Quality of Life. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Atlanta, GA.
28. Gallagher, K., Radville, K., Hallett, E., & Nicholas, M. (2011). Do you have to understand to stand? Poster at the American Speech-Language Hearing Association (ASHA) annual convention, San Diego, CA.
29. Nicholas, M. & Vaughan, E. (2011). Processing of nonverbal video events by people with aphasia. Poster at the Academy of Aphasia Annual Meeting, Montreal, Quebec.
30. Tierney, C., Nicholas, M., Zipse, L. (2011). Phonological neighborhood density effects on treatment of naming in aphasia. Platform presentation at the Clinical Aphasiology Conference (CAC), Florida.

31. Kjelgaard-Rockcastle, M., Jeans, C., Maxwell, L., Nicholas, M., Lof, G. & Guarino, A.J. (2011). Clinical and Academic Performance in a Master's Level CSD Program: A Path Analysis. Presentation at the Association for Psychological Science Annual Convention, Washington, D.C.
32. Carter, A., Nicholas, M., Hunsaker, H., & McCarthy Jacobson, A. (2010). Aphasia-friendly assessments for other disciplines: Modified Berg Balance Scale. Seminar at the American Speech-Language Hearing Association (ASHA) annual convention, Philadelphia, PA.
33. Tierney, C., Nicholas, M., & Zipse, L. (2010). Phonological neighborhood density effects on treatment of naming in aphasia. Poster at the American Speech-Language Hearing Association (ASHA) annual convention, Philadelphia, PA.
34. Nicholas, M., Sinotte, M.P., & Helm-Estabrooks, N. (2009). Factors underlying successful use of a computer-assisted alternative communication program by people with severe aphasia. Poster at the Academy of Aphasia Meeting, Boston, MA.
35. Vaughan, E., Nicholas, M., Macaruso, P., and Flynn, S. (2009). Nonverbal event processing and language impairment in aphasia. Poster at the American Speech Language Hearing Association convention, New Orleans, LA.
36. Rockcastle, M., Lof, G., Maxwell, L., and Nicholas, M. (2009). A Path analysis of graduate student data to predict success. Poster at the American Speech Language Hearing Association convention, New Orleans, LA.
37. Nicholas, M. (2008). Pocket C-Speak Aphasia: Handheld AAC Program for People with Aphasia. Computer-based Intervention and Diagnostic Procedures- Applications for Language Impaired Persons. Vienna, Austria.
38. Nicholas, M. and Peralta K. (2007). Pocket C-Speak Aphasia: Handheld AAC Program for People with Aphasia. Seminar at the American Speech Language Hearing Association convention, Boston, MA.
39. Nicholas, M., Hunsaker, E., Capria, J., Lei, C., Peralta, K., and Sin, V. (2007). Perceptual skill development in language-diverse graduate students. Poster at the American Speech Language Hearing Association convention, Boston, MA.
40. Berenson, L. and Nicholas, M. (2007). Executive functioning, alternative augmentative communication and aphasia. Poster at the American Speech Language Hearing Association convention, Boston, MA.
41. Glufing-Tham, L., Kaplan, J., Nicholas, M. and O'Neil-Pirozzi, T. (2007). Takin' it to the Streets: Aphasia Community Education and Advocacy. Seminar at the American Speech Language Hearing Association convention, Boston, MA.
42. Lei, C., Nicholas, M., Lundgren, K., and Lof, G. (2007). Right hemisphere communicative functions in right hemisphere aphasia: A Case Study. Poster at the American Speech Language Hearing Association convention, Boston, MA.
43. Martin, P., Naeser, M., Lundgren, K., Kaplan, J., Ho., M., Klein, R., Nicholas, M., Alonso, M., Pascual-Leone, A. (2007). Case Report: Improvement in chronic aphasia following CPAP and TMS. Poster at the American Speech Language Hearing Association convention, Boston, MA.

44. Norman, C., Lof, G., Heaton, J., Nicholas, M. (2007). Naturalness perceptions of varying vowel prolongations. Poster at the American Speech Language Hearing Association convention, Boston, MA.
45. Peralta, K., and Nicholas, M. (2007). SWITCH! Therapy board game targeting expressive modality switching in aphasia. Poster at the American Speech Language Hearing Association convention, Boston, MA.
46. Nicholas, M., & Kearns, K. (2005). Response Elaboration Training and Sentence Shaper Treatment for Aphasia. Poster presented at the American Speech Language Hearing Association convention, San Diego, CA.
47. Nicholas, M., Kearns, K., & Mackey, J. (2005). Promoting Aphasia Advocacy in our Students and in the Community. Seminar presented at the American Speech Language Hearing Association convention, San Diego, CA.
48. Moss, A. & Nicholas, M. (2005). Language improvement in aphasia: Does time post onset matter? Poster presented at the American Speech Language Hearing Association convention, San Diego, CA.
49. Canestrari, L., Sinotte, M.P., & Nicholas, M. (2004). Executive function treatment for perseveration in aphasia. Poster presented at the American Speech Language Hearing Association convention, Philadelphia, PA.
50. Naeser, M., Martin, P., Nicholas, M., Baker, E., Seekins, H., Doron, K., Kobayashi, M., Theoret, H., Fregni, F., & Pascual-Leone, A. (2004). Improved naming after rTMS treatment in chronic aphasia patients. Poster presented at the International Neuropsychological Society meeting, Baltimore, MD.
51. Naeser, M., Martin, P., Nicholas, M., Baker, E., Seekins, H., Doron, K., Kobayashi, M., Theoret, H., Fregni, F., & Pascual-Leone, A. (2004). Sustained improved naming after rTMS treatment in a severe aphasia patient. Poster presented at the International Neuropsychological Society meeting, Baltimore, MD.
52. Nicholas, M., Sinotte, M.P., and Helm-Estabrooks, N. (2003). Alternative Communication Computer Treatment for Aphasia: Who Succeeds and Why? Seminar at the American Speech Language Hearing Association (ASHA) convention, Chicago, IL.
53. Vecchio, M. & Nicholas, M. (2003). Treatment of acquired agraphia with phoneme-grapheme conversion rules. Poster presented at the American Speech Language Hearing Association (ASHA) convention, Chicago, IL.
54. Nicholas, M. & Sinotte, M.P. (2003). Semantic processing in non-fluent aphasia: Effect of stimulus input modality. Poster presented at the International Neuropsychological Society meeting, Honolulu.
55. Nicholas, M. & Sinotte, M.P. (2003). Category-specific effects interact with stimulus variables in non-fluent aphasia. Poster presented at the International Neuropsychological Society meeting, Honolulu.
56. Sinotte, M. P., Nicholas, M. & Helm-Estabrooks, N. (2003). Cognitive skills predict response to alternative communication aphasia treatment. Poster presented at the International Neuropsychological Society meeting, Honolulu.

57. Nicholas, M. & Elliott, S. (1999). C-Speak Aphasia: A Communication System for Adults with Aphasia. Computer lab at the ASHA Convention, San Francisco, CA.
58. Katch, D., Nicholas, M., & Elliott, S. (1999). For Aphasia By Aphasia: The Daily Communication Handbook. Poster presented at the ASHA Convention, San Francisco, CA.
59. Katch, D., Nicholas, M., & Elliott, S. (1999). Aphasia and the ADA: Creative ideas from the trenches of aphasia. Poster presented at the ASHA Convention, San Francisco, CA.
60. Nicholas, M. & Baker, E. (1998). Category selection in nonfluent aphasia: People, actions, objects. Poster presented at the Academy of Aphasia, Santa Fe, NM.
61. Baker, E. & Nicholas, M. (1998). Category selection in nonfluent aphasia: Effect of semantic relatedness. Poster presented at the Academy of Aphasia, Santa Fe, NM.
62. Elliott, S. & Nicholas, M. (1997). Put away your aphasia workbooks: Patient-generated ideas to enhance functional communication. Poster presented at the ASHA Convention, Boston, MA.
63. Barresi, B., Nicholas, M., Connor, L.T., Obler, L.K., & Albert, M.L. (1997). The contribution of semantic memory deficit to naming failures. Poster presented at the Academy of Aphasia, Philadelphia, PA.
64. Barresi, B., Nicholas, M., Connor, L.T., Obler, L.K., & Albert, M.L. (1997). Lexical retrieval in normal aging: Implications for aphasia and dementia. Miniseminar presented at the ASHA Convention, Boston, MA.
65. Higgins, T., Connor, L.T., Nicholas, M., Obler, L.K. & Albert, M.L. (1996). Verbal integrative reasoning and working memory in aging. Poster presented at the Cognitive Aging Conference, Atlanta, GA.
66. Connor, L.T., Higgins, T., Obler, L.K., Nicholas, M., Best, M., Quinlan, J., Spagnolo, F., and Albert, M.L. (1995). Language in normal aging: cross-sectional and longitudinal research findings. Miniseminar at the New York Speech Language Hearing Association convention, New York, N.Y.
67. Quinlan, J., Nicholas, M., Obler, L.K., and Albert, M.L. (1995). Confrontation naming and verbal fluency in normal aging. Poster presented at the International Neuropsychological Society meeting, Seattle, WA.
68. Best, M., Nicholas, M.L., Obler, L.K., and Albert, M.L. (1995). Executive functioning predicts naming: A longitudinal perspective. Poster presented at the International Neuropsychological Society meeting, Seattle, WA.
69. Spagnolo, F., Nicholas, M., and Albert, M.L. (1995). Across the ages: Idiom and proverb interpretation in normal aging. Poster presented at the International Neuropsychological Society meeting, Seattle, WA.
70. Nicholas, M., Elliott, S., Baker, E., and Weiss, S. (1994). Computerized AAC systems for severe aphasia: Person talk using computer. Miniseminar presentation at the American Speech Language Hearing Association convention, New Orleans, LA.
71. Nicholas, M., Obler, L.K., Au, R., & Albert, M.L. (1994). Naming errors in Alzheimer's disease and normal aging: Ratings of semantic relatedness. Poster presented at the International Neuropsychological Society Meeting, Cincinnati, OH.

72. Barth, C., Nicholas, M., Au, R., Obler, L.K., & Albert, M.L. (1994). Verb naming in normal aging. Paper presented at the International Neuropsychological Society Meeting, Cincinnati, OH.
73. Palumbo, C.L., Nicholas, M., Baker, E.H., Alexander, M.P., Frumkin, N.L., Naeser, M.A. (1992). CT scan lesion sites associated with good response to a nonverbal computer-assisted visual communication program (C-ViC) for patients with severe aphasia. Poster presented at the Academy of Aphasia, Toronto, ONT.
74. Fitzpatrick, P.M., Obler, L.K., Au, R., Nicholas, M.L., Albert, M.L., (1992). Story recall in normal aging. Paper presented at the Georgetown University Round Table on Language and Linguistics: pre-session on language and aging.
75. Fitzpatrick, P.M., Obler, L.K., Au, R., Nicholas, M.L., Albert, M.L., (1992). Visual memory and verbal memory in aging. Poster presented at the International Neuropsychological Society meeting, San Diego, CA.
76. Helm-Estabrooks, N., Nicholas, M. (1991). New directions in the assessment and treatment of severe aphasia. Short course presented at the American Speech Language Hearing Association convention, Atlanta, GA.
77. Ward-Lonergan, J., Nicholas, M. (1991). Drawing to communicate: methods that work for severely aphasic patients. Presented at the Spaulding Rehabilitation Hospital Annual Stroke Rehabilitation Conference, Cambridge, MA.
78. Helm-Estabrooks, N., Nicholas, M. (1991). All is not lost in global aphasia. Poster presented at the international Neuropsychological Society Meeting, San Antonio, TX.
79. Nicholas, M. (1990). Language comprehension in aging. Paper presented at the American Psychological Association convention, Boston, MA.
80. Fitzpatrick, P., Nicholas, M., DiNapoli, J. (1988). Pragmatics and communication in aphasia groups (PACAG). Miniseminar presented at the American Speech Language Hearing Assoc. convention, Boston, MA.
81. Morgan, A., Nicholas, M., Helm-Estabrooks, N. (1988). Subgroups of global aphasia: BASA performance profiles. Poster presented at the American Speech Language Hearing Assoc. convention, Boston, MA.
82. Bowles, N.L., Obler, L.K., Albert, M.L., Nicholas, M. (1987). Naming impairment in the elderly. Paper presented at the Academy of Aphasia, Pittsburgh, PA.
83. Obler, L.K., Fein, D., Nicholas, M., Albert, M.L. (1985). Syntactic comprehension in aging. Poster presented at the Academy of Aphasia, Pittsburgh, PA.
84. Obler, L.K., Albert, M.L., Helm-Estabrooks, N., Nicholas, M. (1982). Non-informative speech in Alzheimer's dementia and in Wernicke's aphasia. Poster presented at the Academy of Aphasia, New Paltz, N.Y.
85. Nicholas, M., Obler, L.K., Albert, M.L. (1982). Lexical access in aging and in Alzheimer's dementia. Paper presented at the Boston U. Language Development Conference, Boston, MA.

**Presentations: Invited**

1. Johnson, A., Vega-Barachowitz, C., Inzana, R., Brady Wagner, L., Nicholas, M., Doherty, R., Cahn, P., Reidy, P., Hildebrand, M. (2018). Neuro IPE: Linking Pedagogy and Practice. Invited Short Course at the American Speech-Language Hearing Association (ASHA) annual convention, Boston, MA.
2. Nicholas, M. (March and December 2018). Nonverbal Cognition in People with Aphasia: Implications for Treatment Planning. Part of an ASHA Professional Development online course: Improving Functional Outcomes for Aphasia.
3. Nicholas, M. (2016). S-IHP's CAP- Spaulding- IHP's Intensive Comprehensive Aphasia Program. Report on Year 1 (2015). Presentation to the advisory board of the Spaulding Stroke Recovery Research Institute, Boston, MA. September 13, 2016.
4. Cherney, L., Connor, L., & Nicholas, M. (2015). Hot Topics in Stroke Rehabilitation: Aphasia Rehabilitation Research. Presentation at the American Congress of Rehabilitation Medicine (ACRM) Conference, Dallas, TX.
5. Nicholas, M. (2015). Treatment for Post-Stroke Aphasia: Addressing Impairments Beyond Language. Presentation to the Spaulding Stroke Recovery Research Institute, Boston, MA. Feb. 5, 2015.
6. Nicholas, M. (2014). Beyond Impairment: Planning Evidence-Based Interventions for Aphasia Using the A-FROM Model. Duquesne University, Department of Speech-Language Pathology Symposium. Pittsburgh, PA.
7. Nicholas, M. (2013). Beyond Impairment: Planning Intervention for Aphasia using the A-FROM Model. University of the Pacific, Stockton, CA.
8. Nicholas, M. & Connor, L. (2013). Beyond Impairment: Assessment and Intervention for People with Aphasia (PWA) using the A-FROM Model. Presentation to the Midwestern Adult Communication Disorders Group (MACDG), St. Louis, MO.
9. Nicholas, M. & Hajjar, S. (2012). Interviewing individuals with adult acquired language disabilities: What you should know about aphasia. Workshop at statewide conference: "From Crime Scene to Sentencing and Beyond: Addressing Crimes Against Persons with Disabilities." Danvers, MA.
10. Nicholas, M. (2012). Treatment of people with moderate to severe aphasia: Current evidence-based approaches for improving communication. Presentation at the Oregon Speech Language and Hearing Conference, Portland, OR.
11. Nicholas, M. (2012). Treatment of people with moderate to severe aphasia: Current evidence-based approaches for improving communication. Day Institutes presentation at the Missouri Speech Language Hearing Association Convention, Osage Beach, MO.
12. Nicholas, M. (2010). The Challenge of Severe Aphasia: Updates on Treatment for Verbal and Nonverbal Communication. Communication Sciences and Disorders Workshop, Worcester State College, Worcester, MA.
13. Nicholas, M. (2010). The Challenge of Severe Aphasia: Nonverbal Treatments for Improving Communication. Short Course at the Illinois Speech-Language-Hearing Association convention, Rosemont, IL.

14. Nicholas, M. (2009). Alternative Communication for Acquired Language Impairments. Grand Rounds at Crotched Mountain Rehabilitation Center, Greenfield, NH.
15. Nicholas, M. (2009). C-Speak Aphasia and Pocket C-Speak Aphasia; Northeast Rehabilitation Hospital, Salem, NH.
16. Nicholas, M. (November 2007). Aphasia: Current Trends in Treatment. Grand Rounds presentation at Spaulding Rehabilitation Hospital, Boston, MA.
17. Nicholas M. & Helm-Estabrooks, N. ( May 2007). Successful Aphasia Therapy: Individual Case Examples. University of North Carolina, Durham, NC.
18. Nicholas, M. (April 2007). The Challenge of Severe Aphasia: Nonverbal Treatments for Improving Communication. Workshop presentation, St. John's, Newfoundland, Canada.
19. Nicholas, M. (2007). Pocket C-Speak Aphasia: Handheld Communication for People with Severe Aphasia. Behavioral Neuroscience Seminar Series, Boston MA.
20. Nicholas, M., Sinotte, M.P., & Helm-Estabrooks, N. (2004). Using a computer to communicate: Effect of executive function impairments in people with severe aphasia. Presentation to Neurobehavior and Psychology Lunch Colloquium Series, Brigham and Women's Hospital, Boston, MA.
21. Nicholas, M. & Kelly, U. (2004). Evidence-based practice: An Overview. Alumni Association Educational Program, MGH Institute of Health Professions, Boston, MA.
22. Nicholas, M., Sinotte, M.P., & Helm-Estabrooks, N. (2003). Effect of cognitive and linguistic factors on response to alternative communication treatment. Aphasia therapy workshop: Current approaches to aphasia therapy – Principles and applications. Vienna, Austria.
23. Nicholas, M., Sinotte, M.P., and Helm-Estabrooks, N. (2003). Effect of cognitive and linguistic factors on response to alternative communication treatment. Aphasia Research Center Colloquium, Harold Goodglass Aphasia Research Center, Boston VA Medical Center.
24. Helm-Estabrooks, N., Nicholas, M., & Page, M. (2002). Cognitive Profiles of Aphasic Individuals: Implications for Treatment. American Speech-Language-Hearing Association (ASHA) convention, Atlanta, GA.
25. Helm-Estabrooks, N., Nicholas, M., & Page, M. (2002). Cognitive Profiles of Aphasic Individuals: Implications for Treatment. World Federation of Neurology, Arles, France.
26. Nicholas, M. (2000). The challenge of non-fluent aphasia: Treatments for improving communication. University of the Pacific Summer Colloquium, Stockton, CA.
27. Nicholas, M. (2000). Alternative communication systems for severe aphasia. Presentation to Neurobehavior and Psychology Lunch Colloquium Series, Brigham and Women's Hospital, Boston, MA.
28. Nicholas, M. & Elliott, S. (1998). Enhancing communication using real-life content and technology: New directions for treatment of adults with aphasia and possible links to treatment of children. Fall conference of the Maine Speech Language Hearing Association, Bethel, Maine.
29. Nicholas, M. and Elliott, S. (1996). AAC for Severe Aphasia: A Holistic Approach. New Jersey Speech Language Hearing Association Convention, East Brunswick, N.J.

30. Nicholas, M. (1993). "Language in the Aging Brain": an Overview of a Longitudinal Project. Presented to the Psychology and Aging Interest Group, Brandeis University.
31. Nicholas, M. (1990). Working with stroke patients who have severe communication deficits. Paper presented at a conference sponsored by the Dartmouth-Hitchcock Medical Center, Dept. of Continuing Education. Stroke recovery: specific therapies for professionals and the team, Fairlee, VT.
32. Nicholas, M. (1990). The Boston Assessment of Severe Aphasia (BASA). Workshop presented at a conference sponsored by the Dartmouth-Hitchcock Medical Center, Dept. of Continuing Education. Stroke Recovery: specific therapies for professionals and the team, Fairlee, VT.
33. Nicholas, M. (1988). The Boston Assessment of Severe Aphasia: research findings. Presented to the Boston Area Clinical Aphasiology Group, Boston, MA.
34. Nicholas, M. (1987). The Boston Assessment of Severe Aphasia (BASA). Presented at the Boston U. Aphasia Research Center First Annual Interdisciplinary Treatment Conference: New developments in the assessment and treatment of aphasia and apraxia, Boston, MA.
35. Helm-Estabrooks, N., Morgan, A., Nicholas, M. (1987). Progressive speech and language disorder after recovery from speech arrest: a case study. Presented at the International Association of Logopedics and Phoniatics Aphasia meeting, St. Helens, CA.
36. Nicholas, M., Obler, L.K. (1983). Language testing of the patient with Alzheimer's dementia. Youville Hospital, Cambridge, MA.